

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 20712-0124-1	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2004/036035	International filing date (day/month/year) 29/10/2004	(Earliest) Priority Date (day/month/year) 31/10/2003
Applicant YORK INTERNATIONAL CORPORATION		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 1

☒ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

- b. ☐ none of the figures is to be published with the abstract.

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F24F13/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F24F A47B F16B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	GB 2 280 951 A (* AAF-LIMITED) 15 February 1995 (1995-02-15) the whole document	1, 7, 12, 16, 22, 29 2-6, 8-11, 13-15, 17-20, 23-27
X	----- US 6 205 738 B1 (CHEN TSAI CHI) 27 March 2001 (2001-03-27) the whole document	1, 7, 12, 16, 22, 29
X	----- DE 25 19 457 A1 (MABAG LUFT- UND KLIMATECHNIK GMBH) 17 February 1977 (1977-02-17) the whole document	21
	----- -/-	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

° Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

21 March 2005

Date of mailing of the international search report

04/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Gonzalez-Granda, C

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 129 239 A (THURMAN ET AL) 14 July 1992 (1992-07-14) the whole document -----	28
A	WO 01/50067 A (SPRINGER CARRIER S.A; DE CARVALHO, MAURICIO, FERNANDES, BARBOSA; HUBER) 12 July 2001 (2001-07-12) the whole document -----	
A	US 2003/020382 A1 (HERBECK CHRISTIAN C ET AL) 30 January 2003 (2003-01-30) -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/036035

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
GB 2280951	A	15-02-1995	SG 55051 A1	21-12-1998
US 6205738	B1	27-03-2001	NONE	
DE 2519457	A1	17-02-1977	NONE	
US 5129239	A	14-07-1992	NONE	
WO 0150067	A	12-07-2001	WO 0150067 A2	12-07-2001
			AU 1959700 A	16-07-2001
			BR 9917184 A	08-10-2002
US 2003020382	A1	30-01-2003	BR 0210959 A	08-06-2004
			CA 2452007 A1	23-01-2003
			EP 1409930 A2	21-04-2004
			MX PA04000319 A	04-05-2004
			WO 03006889 A2	23-01-2003